

REMARKS

Claims 1-18 are pending in the application. Claims 1-18 are rejected. In the Office Action mailed March 17, 2003, Claims 1-18 are rejected under 35 U.S.C. 112, second paragraph, for indefiniteness. Claims 1-5, 7-14 and 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by, or under 35 U.S.C. 103(a) as obvious over, U.S. Patent No. 4,399,251 to Lee. Claims 1, 2, 4-12, 14 and 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by, or under 35 U.S.C. 103(a) as obvious over, U.S. Patent No. 4,626,566 to Miller et al.

Rejections under 35 U.S.C. §112, second paragraph

Claims 1-18 are rejected under 35 U.S.C. 112, second paragraph, for indefiniteness. The claims have been amended to remove references to preferences. The reference to 30 C atoms in Claim 6 has been removed. Claim 8 has been amended to specify that only one bisphenol need be present. References to unsaturation in alkanes have been removed.

Applicants submit that because of the above-detailed changes, the claims are in compliance with 35 U.S.C. §112, second paragraph, and respectfully request the Examiner reconsider and reverse his rejection of Claims 1-18 under 35 U.S.C. §112, second paragraph, as being indefinite.

Rejections under 35 U.S.C. §102(b)/103(a)

a) U.S. Patent No. 4,399,251 to Lee

Claims 1-5, 7-14 and 16-18 are rejected under 35 U.S.C. §102(b) as being anticipated by or, in the alternative, under 35 U.S.C. §103(a) as obvious over U.S. Patent No. 4,399,251 to Lee. Claims 1 and 11 have been amended in response to these rejections. Applicants believe that the Examiner's rejections regarding Lee have been overcome.

The Examiner asserts that Lee suggests 2,6 dimethyleicosene as a mold release agent for polycarbonate. The Examiner characterizes this compound as having two methyl branches and a C20 backbone. The compound is an olefin, containing one double bond. The hydrocarbons of Claims 1 and 11 consist of methyl-branched alkane chains. Lee teaches only the use of mono-olefins from about fourteen to about forty-six carbon atoms as mold release agents. Lee does not teach or suggest the use of hydrocarbons consisting of methyl-branched alkane chains. For these reasons, the reversal of the rejection of Claims 1-5, 7-14 and 16-18 over Lee is respectfully requested.

b) U.S. Patent No. 4,626,566 to Miller et al.

Claims 1, 2, 4-12, 14 and 16-18 are rejected under 35 U.S.C. §102(b) as being anticipated by or, in the alternative, under 35 U.S.C. §103(a) as obvious over U.S. Patent No. 4,626,566 to Miller et al. Claims 1 and 11 have been amended in response to these rejections. Applicants believe that the Examiner's rejections regarding Lee have been overcome.

The Examiner asserts that Miller et al. teaches a mixture of polycarbonate with a hydrogenated dimer of 1-decene, and that the structure of the decene has one methyl group attached to a C19 backbone.

However, Miller et al only discloses a mixture of hydrogenated dimers of 1-decene. Alpha-olefins may be dimerized in a head-to-head or head-to-tail manner. Head-to-head dimerization leads to linear compounds. Because no catalysts is 100% specific, even if polymerization takes place, when dimerization is the object, a mixture of branched and unbranched dimers is obtained. This means that the mixtures disclosed by Miller et al contain branched species, but there is no disclosure or motivation in Miller et al to use the branched species only


as in the presently claimed polycarbonate molding compositions, which are limited to hydrocarbons that consists of methyl-branched alkane chains. Therefore, the claimed polycarbonate molding compositions are not anticipated by or obvious over Miller et al.

Miller et al. neither teaches nor suggests the branched alkanes of the present invention. For these reasons, the reversal of the rejection of Claims 1, 2, 4-12, 14 and 16-18 over Miller et al. is respectfully requested.

CONCLUSION

Applicants have amended Claims 3-8 and 10-11, and have cancelled Claim 13. Applicants contend that such amendments find support in the specification, and add no new matter. Applicants submit that the present application is in condition for allowance. Accordingly, reconsideration and a Notice of Allowance are respectfully requested for Claims 1-12 and 14-18. If the Examiner is of the opinion that the present application is in condition for other than allowance, he is requested to contact the Applicants' representative at the telephone number given below so that additional changes to the claims may be discussed.

Respectfully submitted,

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